CC.DEST MECOLOR WAY, DX.CL.00 Commonwell 1313 St. Insure party and 100,000 Free Com-17.50 Theretime





OFFICIAL PUBLICATION OF THE NATIONAL RADIO CLUB P. O. BOX 99 CAMBRIDGE, MASS, 02128

VOLUME 38

JANUARY 2, 1971

NUMBER 11

"I received my NRC Log and the NRC Report Forms without too much delay. It's really hard to comment on the Log since there is really nothing to compare it with; it's in a class of its own..." (Larry Ballard, 5.C.)

IN THIS ISSUE



Domestic DX Supremacy Ratings - Bob Karchevski Tips for Novice DX*ers, Part 3 - R. Edmunds & Page Taylor Foreign Contest Standings - Russ Edmunds

NEW MEMBERS THIS WEEK ...

- *RM3 Dave W. Doawell, B680599, Naval Facility Box 71, FPO Sentile, Wash., 98791 (rejoins)
- *Robin J. King, Zwasgdijk 83, Zwasgdijk Oost N. H., Netherlands
- *Lawrence M. Lidsky, 215 Highland Ave., Newtonville, Mass. 02160
- *George Gruebl, 3749 Georgia St., Gary, Ind. 46409

Welcome to the NRC, people, your new member kits will be mailed to you this week; please bear with possible delays in delivery due to holiday mail jams. We hope to be reading your contributions often here in DX NEWS.

RENEWALS ...

Kilroy ... Barton ... Schneider ... Hart ... Plunkett ...

XMAS SKIP NEXT ISSUE ...

Next week we take our regular holiday one issue break; past experience has taught that the Christmas issue is usually so delayed by the rouls that it often arrives after the following issue does; hence the skip. The rest of the Space Magnet review must be held over, unfortunately, the satellite I've been working on just went up & it's 18 hours a day to unscramble the data.

Good Luck on the Kmas and N. Y. special broadcasts from many LA stns...

Latest **U.S.** Government figures show:

DOMESTIC DE SUPREMICT LATERCE FOR DEC. 6, 1970

30 WHEELER, Erie, Pa. 2521 50 9 1543 50 9 59 DRAKE, Philadelphia 2149 50 10 2086 50 10 7 PHILLIPS, Leuisville, Ey 1461 48 4 4 4 0 557 44 3 68 MOOGERHEEDE, Upper Mich. 1317 50 8 0 0 0 0 0 60 WHOO, Montreal 1238 47 10 1212 47 10 62 ATKINS, Leuisville, Ey 932 47 7 0 0 0 207 39 3 7 ENGREDE, Paterson, MJ 739 39 8 130 31 5 199 37 7	TR Name and Std Coneral Area		Tape 700 SP PT	Yeries TDV EV FV
	59 DRAKE, Philadelphia 7 PHILLIPS, Louisville, Ky 68 BOOGERHEIDS, Upper Mich. 60 BUOG, Montreal 62 ATKINS, Louisville, Ky	2149 50 10 1461 48 4 1317 50 8 1238 47 10 932 47 7	4 4 0	2086 50 10 557 44 3 0 0 0 1212 47 10
7 ROGERS, Concord, ME 524 45 10 151 31 5 7 RICHNAN, NTC 503 37 8 0 0 0 406 36 8	7 ROGERS, Concord, 18	524 45 10	0 0 0	406 36 6
62 KERPOOT, Toronto 494 41 9 0 0 0 213 40 8 68 Pr. FEJIA, Gam Diego, Cal 407 37 6 182 33 5 68 HBOCKWAY, Rome,NY 213 34 7 0 0 0 1339 31 6 69 KARCHEWSKI, SP. Cal. 150 24 3 119 23 3 117 23 3	68 Fr. FEJIA, San Diego, Ca. 68 SBOCKWAY, Rome, NY	1 402 37 6 E13 34 7	0 0 0	182 33 5

Issue 2. So far a notarate respense. Thanks to all those listed above and if your name is not up there, let's hear from you. I arrest things to sove better when everyone sees what it's all about, Note that locations given after each name are NOT necessarily the exact location. The idea is to allow the reader to locate that geographic area involved immediately without referring to a map. Therefore, all Diero in suburban cities will be listed daller the Metropolitan area. With larger cities, state names may be deleted under the assumption that everybody knows the location of the city without the state mane.

Under TAPE column, a "O" means no tapes, a "-" means number unknown but counting.

The next possessio at suremracy satisfie will be acheduled for 9 Jan. 1971, You can up-date your listing at any time during the next six months, but it isn't necessary at this time, What is important is that more people send their listings tor

W.R.C. DONESTIC BE SUPER ACY RATE DE C/o Bob Eurobevaki 10 Box 3151, Daly City, Calif. 94015

LAST MINUTE FLASHES FROM JOHN SHANNON!!!

ZDK, St. Johns, Antigua noted with new transmitter on 1100 kHz at 1010 GMT on MM December 7th ... (John, this is the new 10 kw outlet listed in several past issues of DX NEWS as a projected operation; see last week's DX NEWS). A very stong station noted on 625 kHz testing on 12/5 at 0600-0630 GMT; English religious programming and gave address as C. B. N., PO Box 111, Portsmouth, Va. 23705. No ID given but John thinks this is TIRICA, Costs Rica, testing the long overdue superpowered stn rumored to be in the works for several years now ...

		DX	SPECIALS	3
		ke/e	wate A.M., E.C.T.	Tefa:
Wed- Dec- 16	KOPC	1490	Grafton, North Calota 1,000 1:45 + 2:00	IRCA
Sat- Dec- 19		730	Nanticoke, Pennsylvania 1,000 12:01 - 2:00	MRC
Bun-Dec- 20		1590	Richarod, Virginia 5,000 12:01 - 4:00	IRDA
Mon- Dec. III		650	Hinghanton, New York 500 12:01 - 4:00	3080
21		1450	Henderson, North Carolina 250 2:50 - 1:00	statuct
27		1416	Lafayette, Indiana 1,000 4:00 - 5:00	IBU
Size Dec. 22		860	Fittsburg, Kannas 5,000 1:05 - 1:30	IRCA
Mon. Dec. 28	WEED	990	Southern Pines, N. C. 5,000 1:00 - 2:00	MRC
Fris Jans 1		1490	Frenout, Behranka 250 2125 2140	TRCs
Bun. Jan. 3	WELL	1370-	Portsmouth, Virginia 5,000 4:30 - 5:00	DESC
Mon. Jan. 4	KIRL	1530	Calhoun city, Mississippi 250 2:00 - 2:30	BRC
Mon. Jan. 11	WTLB	1310	Utica, New York 500 1:00 - 3:00	HRC/NING
11		590	Unicotown, Pennsylvania 1,000 3:00 - 4:00	NHC
11		920	West Lafayette, Indiana 1,000 4:15 - 4:45	ERCA
Set- Jan. 23		1430	Morgant Wy. H. C. 1,000 2:00 -	RIDIC
Mon. Jan. 25		1340	Sunter, South Carolina 250 1:00 - 2:00	mme
Mon. Peb. 1		1350	Modreaville, N. C. 1,000 3:00 - 3:30 Eddatme, Alaska 5,000 4:00 - 5:00	NEEC
Mon. Feb. 8		920	Soldatre, Alaska 5,000 4:00 - 5:00	313010
Fri. Peh. 5	KOEN	1490	Milchell, South Dekota 250 2:25 = 2:40	INCA
Hon. Feb. 15		1490	Dallabury, North Carolina 250 2:30 - 3:00	10000
Sat. Feb. 20		1380	Asheville, North Carolin5,000 1:10 -	Bunic
Mon. Mar. 15		970	Florence, South Carolinal,000 2:00 -	100iC
Mon. Apr. Di	N II B G	1900	Greensboro, North Carolina250 2:00 -	BBRC
HIPC-Bloo 2	ha dhara a		Maria Cara and Maria and Maria and Maria and Maria	40
WIND-SHIPO 2			, Mr. Igem Melson, segs they '11 be testing	"around
L	actomode. To	200 T	45-2 a. B. EST, 12:45-1 CET, w/400 cycle ton	
THAK-730 S	no look sini	action in	Boil Bertlett, IRCA	•
	g a prosti	n 19 14	K EMB. Reports to Mr. Rebert Meilson, C.E.	
	a a factorial	- 94 C	TOLK BRIBEL Froot of Perference.	

1008-1590 Thuy'll be playing mostly rock-m-roll music with playing of like on TEST. Reports to Mr. James Grainger, C.E. A code phrase to ID! Durid Singer, IRCA

This date is confirmed " progress to be put on by local May Securis! Superts go to Mr. Kertz Van Durbook of Milk's staff.

Wos Boyd & Stef Krimmer MRC . Wirm-1850 Reports to Mr. Walter M. Dice, Director of Engineering. IDs, music, and tytle tomes - and plenty of interference!

John Tweedin, HBUC WARY-IAID There'll be thousand-cycle times w/IDs at regularly-spaced intervals, & code masters for wellfication purposes. Er. Larry Hitz, C.E.

Ton McCorpindia, IHCA KOMM-660 Their Mr. John H. Davis says 1000 tests at approximately this time every Sunday morn, a new maintenance purpod? Day or might pattern-

VEEB-990 This is Joe Eureth's TEST - see last week's issue for details. A cross-section of music to be used and lots of Ilm.

Joe Bureth, BRC ECON-1490 This regular frequency check is dedicated to the Indicevery south-It could be postponed to Jan. S due to New Year's. Try Peb. 52 Neil Bartlett, IRCA

HAFPY HOLIDAYS TO ALL!

How the years do go by! Again, it's time for Christmas, and as usual, we wish for each and every Hiller the very merriest of days at this festive time of year. Merry Christman - Happy Chandkish - and Happy New Year!

Diling on DECIDENCE 25. A CREAT day to try for French Canadians running with midnight mass followed by AM feativites, and also many LAM do the same! WAVA-1170 is generally silent 12/25 AM! Father JACK PEJEA - 3256 Butsey Street - San Biego, California - 92104 The SCECPUSDES-ERRA Thanksgiving sessend was a great success.

Ed Krelmy, Don Kaskey, & Dave Prather Clew in Friday Soon, & a 17-hour Day sion began ismediately. Mice Northes has been awarded the persistence & incenaity award for locating by phone the secret ERBS-Sporth HG - at the har nearest the ERRA Hotel. On Saturday, the "formal moeting" at Grant Manning's store ted Jay Murley, Don Henney, Don Erickson, Panty Cook, Halph Sanserino, Bill Hwin, Steward McKeuris & Dave Thorns (the last two from ASVLC) from the L.A. area, plus Dave Stroup, John Kolb, Sandy Seaver, Jis Critchett, Great & myself from San Diego. Don Kenney demonstrated the Heathait GR-78 & a ferrite-core loop. The loop seems to be comparable to a 25' air-core loop, & is certainly worth investigating if you have a problem of finding somewhere to put a big loop (or if your wife can't stand it, hi). Jos Wordsatur, Wordsster Slectronics Laboratory, N.D. 1. Frankfort, N.Y. 13340 to abla to supply 12 "s 3/4" ferrite role, I believe. A phone call from the other DX get-together in High-annisport was the highlight of the afternoon, with Marc Delorenzo doing most of the telsing. The Communications Handbook was viewed. Hithard Wood, are those your lists of camiest stations for SC & W. Exers! If so, I wust disagree with neveral of your choices. Micaragus, THY-750, for instance, is a much easier country to hear on the MC than Sunces 1-704. The Personnes on 664 norms to be such easier for ats-Westerners than the one on TOT. Only one new station was logged at this mention. by union Jay Muriay a technique of lagrana Mari parallels - XEROX, 690k, "Madio Daplicato." The Mid Log has riselly mad its appearance (via first class) here. I wonder have lame it will take the book-rate copy to get here!

LARRY VAN HORW - 502 Adrian - San Astonio, Texas - 78213 Well, after an absence of about a year I have the supersonity

to regula the MDC, the world's greatest radio while. For the benefit of those new members & olders who may not remember me I was in the MRC about two years ago. Due to work, school, and other pressuring colligations I was forced to leave the MMC, not willingly, of nourse. Well, I'm back now & will be ship to devote a lot more time & effort to the Club. First let me introduce mysmif. I am 19 years old h a frombass at San Antonia Junior College. I have been Diling for an bout five years now, but did not start CS work till around '67. For receiving equipment I'm still using my Hallicrafters S-125 w/an S-35 as a backup. Wo anterms is a Myrein iB-AVC vertical. Taker modifications are forthcosing in the rear future. As far as totals so I will give a rundown in next week's Mass. Say, how about a couple of limen from some old friends, Dennis trees & Stewn Senet? Also I am still waiting to hear the golden votes of Valt Draville on a taps recording. The rest of you write too and let me in on the latest from the NBC. I've got to ron - mess I've used my jo. I will send anyone a shinler from KBSC, a local c/w station here in turn - thry are very attractive. C U in 7. best of DE & 73 from the inchilade Ktd a is eveny transplant. (Welcome beck!-DRC)

BREE STEERINGS - 1204 Alimni Place - Laurence, Kansas - 66044

His news here is the construction of a new loop. I built it over the Thankagiving break at home. It's rather crude looking but it works. On its initial trial I longed 125 stations in three days or erratic Daine, ingluding it new stations heard to be added to my total stations heard list. Many thanks to lon Share & Joe Brauner for their help in the plane for the love. I declided to reveno my lumning proceedures after a letter from Jos Braumer game as some vanishie hints on log hesping. Thouks a million, Jos! The only and never in that the loop wouldn't fit in the car for the trip back to MI so the loop atta at home becomed up to my A-2515. Oh well, Christma vacation is only two weeks away so I can really concentrate on Eding, while I'm home. All Dring here at Ennan U-will be done on my Somy portable. Better than no RX at all! Hew stations heard on my new loop at home (about 190 air miles SW of Lawrence) include: Minn-1600

EME-1500 ELLA-1570 EMOP-1410 WACO-1460 EDG-1580 KCLE-1120 EDET-1440 & WINS-1010. No reports and recently & no veries ine long while. I still have about Heven or eight untutanding reports. Well, that about wrons it un from here.

LARRY L. HLAN - 4917 Mulibou -- Blockfield Hills, Michigan - 48013 Recent veries include: w/1- WLIB WODI WTRY WJTW COMP WDBQ WANG. W/n= WYCK KFRE WFIR WSAU WPUV WFLI. 11/16- F/c from KNLA-1530 La. 6 1:45 as Direct on any manufacture clear channel station. F/c from Watts-1240 Ga. 6 1:58 was weak but readable until soff @ 2. A fairly good channel here, 1300, brought Will'-Fla. w/a poor signal. What-fill No. finally heard w/no sign of Wif. With WFOF off, WCRD-910 S.C. for #5. After logging KFRE last week, this week 540 produced Will Fla. MSAY-1370 N.Y. a/MSPb. Two gravewarders were WCO-1240 Conn. & WUNG-1690 Ia. New for the big one, definitely my best catch: XEVIP-1560 Maxico. They are 500w & located 30 siles NV ofMexico City. I taped a very strong s/aff # 1:41: 11/20= WPSD-1000 III. s/KDKA. While writing KPTH for the sec ad time, VEAU-550 Wis. jumped in for about five minutes. 11/21- MPUV-1580 Va. @ 1:25pm in the middle of the day? 11/21- F/c from MNYL-970 La. @ 1:05 isc o/Mess. XEG-1050 Married heard again. ESSIL-Sed and after a long storage a clear o/KPHC. The 1240 graveyard showed WINN My. MM. KLIZ-1350 Minn. in @ 555. 11/10- Long-wanted WCBM-680 Md. heard. WRCH-910 Conn #3, XEMO-860 Tijuana LAC w/religious programming, CJBC off. The station for the week on 940 was MIGA, love, weak but understandable. 12/2- MESS-680 Ge. LAC 888. 12/3- Both 107 and CAUS-600 Man- on SMS. CPOS-1570 Cpt. even w/CHIO. 12/8- WFIT-/gu Pa. 0/WFIT while looking for WMIS. Sessons' Greetings. 71.

DAN PHILLIPS - X-2 Seminary Village - Louisville, Lenauxy - +0201 Things you wouldn't know if you aren't in use soon On Election might the giant of the East, WCMS (or is it WASCE) thanked all the possels who helped withs returns. The illustrative mans of Bob Forwarth them preceded to be assourced over the air. Big news here is a new rig. I finally got the Demy Tyli-1600w. It's a fine piece of graf. I have been wanting a good portable for saveral years because of being on the go all the time. It is also helpful for Diing in ted. Now the wife isn't awakened & I don't have to get up to turn on the HQ-100. I can now Iffin a stoper without having to get wide swake. If I go to sleep then that's OK too. I decided on it because of the two FED's in the front and a timed RF on both FM & JM. It has lived up well to expectations. There to mine a writch which allows the cutting out of the two Pires which to also the hearting something on both sides of MUAN WIRD sto. New DY on to to as follows: 11,04 WHR-1230 a local heard for first Then on 1000, Worr Homighnery, Ala m/MCFL & 3:277m. It really surprised me to get this one at that time. 11/25-KOTH-1490 AN # 3:30mm & WOCH-1860 heard 30 @ 11:30mm 11/25 (From Hunterey, Tenn) I heard WIEO-1380 8 9:12an over frequency. 11/27 (Term.) WHV-1940 & WHO-1130 heard @ 11st. 11/79 (from Volga, Ind.) I heard ET of WFRG-1960 @ 1:10sm. 11/10-WART-1890 AN # 2, also KRIT T/c # 2-2:15 & EMM-1380 # 3 & then finally NUM-1380 testing # 4. 12/1 (Louisville) EVOL-1330 f/c 1:15-1:30 & them # w/off a really good one I have been trying for, KPIK-1580 Col. w/off @ 6:45 o/KLGU/CBJ. I have also heard a few splits on it - Spb (I couldn't hear this in louisville on arcount of WHAS), 1034 Hairi & also a split on SM on 665 which s/off @ 1, SS - who? I guess that's it. Best of Tis-

JOHN JOHNSON - 316 Washington Street - Huboken, New Jersey - 07030 A little noisy w/Christess Lights, otherwise reception good. The following are new ones received: WOW-1270 Catthereds, N.C. Wish-third Colleges Pa. MCFH-1860 Springfield, Vt. WELK-1350 Portamouth, Va. WESL-1850 Wilmington, s.c. will-1360 bt.Petersburg, Fig. I would like to know if ARIX comes on after the 10,000 Membran s/off 1560. If so he will be a new largest on that frequency. (XEDD IN M CANTIDER -UEC)

WE'LL SEE YOU DE A FORTNICHT, AFTER YOU HAVE ALL HAD YOUR MORRY CHRISTMAS. THEN WE'LL HE WESTLY AGAIN RIGHT THROUGH EASTED WISK. LET'S HAVE THOSE MUSINGS RE-PORCE, PLEASE! DECLINE DATES A STREET OF NAME AND LOSSINGS TO DELF SERVICE AND

MARC DeLORINZO - 30 Bay State Boad - Box 518 - Boston, Massachusetts - 02215 Hi all - first Muse in 15 yders. Recent DX (from Hyannis):

Aruba-925 LAC w/Christmas carols @ 6:18pg 11/20 during perpetual Agroral CX: Montserrat-987 S-7 signal but very shallow sudio w/YL in 88 5 6:20; St. Lucia-840 w/FF "Caribe" ID @ 6:25 all alone on frequency, Curacao-855 E-9 & very clear w/YL in Papiamento (I believe) & rr 7:16-7:21. 11/21- WQIE-810 B.C. very strong o/w MIT w/MoR 4:16-4:30pm, WIIM-1450 Del. atop channel w/ID 8 b:42, WOK-600 Ala. good w/rr 5:39. 11/22- Only one station audible on saywave across the entire diel 9 SSS - WNOE-1050 La. W/FF. No WEEN WYOF WIN WIR CIPC WIR WOYL WEVA KNOW WHAM! This was one of the goat severe Accord nights ever experienced here. (% to the S gradually became excellent as the sun sped Westward: ZEVI-780 IAC w/ marine WX for Puerto Rico & the Virgin Islands @ 5:00pe, WRIX-1550 Ftm. IAC U/ Gospel mx 3:15 WHIT, your station for inspiration." WOTG-TAG Fig. w/c/w & spots for WTOG-TV-14 in St. Pate 5:21-5:30 s/off, W7AI-1900 Fla. fair u/WCCR also 6 5:30 s/off, has c/v these days. HJAX-1550 slone v/La Voz Purtens 1D following WRIE a/off 5:31, YWES-750 "H. Carecas" alone w/ID & talk on Venezuela in SG 5:38. They used to carry U.S. rr. UniD-640 w/SE rr looping 5 5:45, probably Condeloups. MM 11/23 a good AM for Colombians & nothing clas. HJCE-890 Le Vor de Borota IAC 2:29, HJDB-990 IAC w/BCN IDE 3:35, HJCG-1070 R. Banta Pe good 3:39, HJRC-1090 w/ Caracol all AM & HJFF-1210 Le Voz Amiga v/two Ibm @ 3:46em. 11/240 A couple of high band Tis- Monard-1466 S-9 w/EE religious program 4:42pm, Vatican-1529 S-8, very solid w/MX inItalian 4:45-4:57, s/off w/YL, IS, & man 6 5:12. Mice-1554 S-8 & ckear w/mr 4:59. Las still very strong: YVTB-980 alone w/ID "Exitos Hovecientos" 6:41 fair signal, PJR2-1295 S-8 & clear in EZ 7:07. 11/25- Vations-1529 in w TL initalian following WPNO s/off & 4:18, clear w/siternating mam & YL 4:32, gone by 4:50 as CX gradually deteriorated. WPIN-1500 Fla. finally heard w/hool to 5:0 m/off, MMCC-1550 Alm. IAC w/ID following MME sports @ 5135cm. Th.

SCOPY BROCKWAY - 112 North Crescept Drive - Rose, New York - 13440

The new Senith RX in here is a real wonder! At last 1 can pick up some goodies that the old one would have rolled over & fied at. On to the DX: New stations in: WDRR-680 WDRR-970 WIRI-980 WWW-970 WIRI-1320 WROW-590 WROG-1280 WHIF-1290 WKOF-1360 WKI+950 E 1:45 W/McR, WKID-1380 W/c/w # 11:40, WFIR-960 ex-WDBJ w/MoR 8 12:45, WSPD-1370 8 1:10, WCO-12:0 8 1:40 w/HI & Bolly, WJWZ-770 6 12:40 w/MX & c/w, MHX-1380 € 11:45 w/rr, KHLD-1083/ in solidly w/WHIC € 1:15 w/ religious program w/donations asked for, W.ML-1110 w/MX & s/orf 8 5:15 on SSS, WFEA-1370 8 11:45 w/rr, WIRE-IA30 8 11:55 w/MaR, MDKA-1000 8 5:10 w/an interview w/an athlete, WCL-1250 @ 12:20 v/MeR & a hotel opening coverage "live", WTXL-1490 @ 1 w/rr: WIRY-1340 @ 12:08 w/rr, Wigt-1000 @ 4:50pm w/MoR, WOSC-1300 @ 3:30pm w/ rr, WSVS-800 on SSS w/MoR, WFLI-1070 w/rr on SSS, WEWY-1340 w/rr on SSS, WMY-600 # Zam w/MoN, MTAC-600 @ 2:05 w/rr; WHOK-990 @ 2:40 rr, WCVA-1240 @ 4:20pm rr, WLME. 1330 @ 4:50 v/rr, WELB-1400 @ 5:15 v/MoR, WISA-1450 @ 11:45 v/rr, WERG-1450 [hoth] of these Verminters were heard at this time fighting it out) W 12:15an w/a religious talk & s/off, EFI-540 (first Cal. in this year) @ 1:45 v/EX, wCEN-1580 @ 12: Ol w/a fine TEST w/severs QRM at times from CRJ, this was the MRC-sponsored one & the march mx was about the only thing w/the TTs that saved this TEST for me as CBJ is very strong here, WEXT-590 @ 1:20 v/a call-in sension, WHDL-1330 # 11:05 v/10cal MX, KIOA-940 @ 3:15am w/MoR. MXX-1070 @ 3:30 w/Cal. & world MX, WMID-1340 3:50 w/rr, WOM-570 € 4 v/c/v, CJEO-1320 € 10:44 v/FF mm, CHOV-1350 € 11:38 v/rr, much wanted CHM-GAO & 10:50 w/coverage of Miss Gray Cup competition, & also much-wanted CPCY-630 @ 11:05 wfterine WX & MX. v/qs in: CRPY-14:00 WHE-14:00 WCH-530 RFAB-11:0 WHEW-970 WJJD-1160 CEMS-960 WIJT-1000 KERF-1570, V/1- WDG1-730 WARE-1480 WCKL-160 WHEF-1290 WINE-680 WJAS-1320 WINE-970 WHX0-680 INS-1540 WWJ-950 CXCS-970 WJRZ-970 & CHOK-1070.

NEW LYCH - 9415 Goodrich Road - Clarence Center, New York - 14032 DX this week: 12/30- XST9-1500 in strong 6 5:15pm w/commercial for

IN this week: 11/30- KNTF-1500 in strong 8 5117pm v/commercial for Sears: 12/5- KNHF-1550 v/r/c-TT 11:5-1130 in IAC as usual, CHCK-1070 IAC 8 kg/s pm v/mx & ID, WEEP-1080 a kg-8pm v/c/v, s/off 0 5pm, vm/ n/VIIC. No veries this week. C U later: JUNE P. LIMBARDO - 23 Grove Terrace - Invington, New Jersey - 07111

Hi. It seems that every time the temperature goes below 100 III just die. That's the case right now (12/6). I hope things pick up later for a few of those DE TENTS on 12/7. I can't belp but notice some of those great estens being made by Jerry Course with his 1,000' beveruse antenna. I see we have a new Sealer from Youngstown, O. Could this be the dutes of while Welcome Rich. EBC: CFEC-930 St. John was in there 11/9, the might WPAT was off when I listened 6 laz, not GJON. 11/2), the 4th MM- WMCT was heard w/ST 6 17:17-12:20 WOOS-Wa. heard w/ET & 13:46-1:15am, also heard testing the 4th MM in September. EFUR-1840 Ter, was heard w/r/c @ 1:18-1:20an. 11/27- The MCNV-TIDT was heard here w/a week signal playing march on & TTO, GDM from CBJ-FPC. MCHV is heard here such better in the day. WYDE-850 Ale. was heard @ 5134+5744pm, the time at the power change. 11/28- WHIE-1320 Griffin, Ga. was heard w/a POP between 12:37 & 1:20am. They were accepting non-collect phone calls, & they were asking for reception reports. They were heard here w/a weak wished w/QRM & QRB. WHRQ-NOO in Kingston was heard on 388 # hr30 s/off. I then tured to 870 a there was a station there w/a pretty good signal. I felt it was too early for WWL so I comissed to listen. It turned out to be WHCU in Ithana, N.Y. Then @ 4:53 they were completely knocked out by WFLO in Farmville, Ve. Their s/off was 8 4:59ps. 11 30- WHIS-1550 in Newton Mass. In very well w/ET @ 12:51, QRM from CBI. Still in 1650, MOHO Mo. was beard S 1:01 W/s very west signal & GDM from CDE until their s/off, & MMIN still on Mt. Wall Va. was heard ver n/APEN 6 825. 12/4- MBEC 8.7. was heard before local 500 m 3:30-3:55pm when it faded. At 4:16 DCD-13:00 in Oshawa, Cet. was heard w/a fair signal & GRK from CJIM, an FP in Quebec. 12/6-What-740 in Montgomery, Cla. was heard w/an IT between 1:48 to 1:20un. (TI-ENC) If anyone would like to correspond or own locals by cassette, please on an-Merry Christman & Tien-

MARKY GARTISH - 67 Liberty Street + Fredojia, New York - 1406)

By has really been great here. Last week I ploked up 52 severations. Or course that ian't too hard to do, since I haven't heard that many to begin with. I'm sure you will get a lengt out of my totals, so here there are: 212/11, 29/9 states A 5/1 provinces. Too can readily see I'm not one to write a lot of reports. The WIN THIT came in quite sell here on 11/27, 6 1 received their v/l yesteriag. That was #1 from N.J. Old thing happaned the day before yesterday (12/1). I heard then again on 200. I had been trying the A.J. for short six months, A now I hear it twice within a week. Wall, I don't went to list all 32 heard, so here are a few 11/23- WIN-1570 fm. Tax m/on, Win-600 Mich. 6 Tibige, Winl-1830 Fm. 6 Disc. 11/20- WILL-1850 fm. 7 Singe, Winl-1830 Fm. 6 Disc. 11/20- WILL-1850 fm. 6 Singe, Winl-1850 Mics. 6 Singe, Winl-1850 Mics. 6 Singe, Winl-1850 Mics. 6 Singe, Winl-1850 fm. 6 Sing

GRAT SCHLEGARE - 227 Hanne Road - Toronto, Cenaria

its a short story! Unfortunately for an intere, it didn't have a happy entire (yet). The middle of November brought sore notar activity, so The still aren't back here in Toronto. Of were quite good here on 11/b, w/me new TA lng, even (HMX-638); poorer on 11/b. Latter tate brought Herocco-939 clearly, but little else well, and on 11/T, LAn. It seems to me I read that visible Auroras are worst the year or so after the summpt maximum. Maybe also the geomegratic activity. Admiral? CDFH-1830 was off several mornings late in November. That neve me the chance to log a few semi-locals there for the first time since I've come we forced. I noticed with 1560 testing again on 11/22 8 1:58as. Their verte for earlier reception has been my only one this season. WCHW-1560 THEF on 81/FF w/ CDJ was an enjoyable one. It took me several like to get all the code pursue hera Robert Flacher: I like my 180A. I'll be trying for the HAJB TEST on 12/1A, but w the link we've been having this years anyone want to bet that LA reception is

THAT GIESE - 2838 Dervin Street (7-E) - Sacramento, California - 95821

I'm now beginning my SEVEMEN Tear w/NRC & have enjoyed every one. So, first off, a little re-intro once again. I'm 28, single & have started DXing about ten years ago. RX is an NC-190 using a 24" square loop for antenna. I started DKing when I lived in Outkosh, Wis. Later in Springfield, Mo. & then in Columbia, No. before contra at here. So once again, I'm starting a lor over. Totals so far are 275 heard, 33 states, five provinces. MM 11/30 was mind to the ME part of the U.S. but I didn't have much luck petting an IN from what I heard. Some stations heard that HOE were: ORBH-1050 Oct. w/hockey scores # 5:15. COM-900 Oct. w/MX 0 6, CKCK-620 Bank. w/c/w 5:48, EPCH-14:0 Tex. w/as for Ward's 0 7:12, groc-1400 0 7:15 w/first quarter sports from ADC. MONI-1480 Utan @ 8:12 w/farm NX. EVID-1500 Ariz. @ 8:43 v/c/w & local adm v/UM from two m/v Stations, KWOM & KLAK. 11/27 AM: EMTI-1400 6 fc20 w/station lingle, KID-590 Ida/ s/on 7:30, seak-13-0 Wash, atop frequency v/farm NX & c/v # 8:09; stPK-10:0 w/market report, KMTN-950 Ida. 8 8:45 and of Mutual MI, then c/v. 11/26 AMI KORK-920 Nev. 6 4:16, KIKZ-940 Tex. 0 4:18, MCK-990 Term. 8 5:45, KIDV-1010 8 7:44 w/ID & c/w, KKRB-1000 S.D. in shortly s/KOMO w/ID & them c/w 6 8:31. I received the new NRC Log just recently & believe that it's the best anywhere. I'd like to, once apain, wish everyone the best of the Holidays & ner '71 be a good year for all. LXXIII. (Redd Bat. 12/5 I think -ERC)

HOY H. WILLAN - Box 851 - Everett, Vashington - 98271

Here in the late of the late o

Theshe a million, J.O., re tip as to FF on The continue to the first of the first of

BILL FEIDT - 8708 Contee Road - Apt. 14 - Leurel, Maryland - 20810

Of have remained essentially Augural for me with some pretty fair openings into the S & S Mid-West. DX: 11/13- TGRY-665 Quatemala City from 6:30-7:05cm at fine S-7 level; ID as R. Pabulosa. Lately this one seems to have alipped down to 663.5 or so. MBN-1042 Osla de Juventud @ 11:02 Will Caribes ID. 11/14- KRID-1080 TX @ 11:10:30pm w/WFTC looped. 11/27- WGIZ-810 S.C. @ 5:00:10pm atup everything else w/NX WX & sports. WFGW-1010 N.C. @ 5:28 s/off w/ very slow SSB. WHOK-920 III. @ 5:45 s/off just above jumble. 11/28- WCKS-1050 Va. @ 5pm w/RX & abrupt s/off, WBBB-920 N.C. @ 5:05 w/RX & ID, RMAN-990 Tesm. @ 5:45-6 w/gespel-spiritual mx, ID & s/off. KWH-1130 Law @ 6:15 w/ID & sports accrebourd o/w Will before former's pattern change. 11/29- WTMQ-1560 M.C. 6 1:28 am w/ID, ET, OC. WYTI-1570 Va. from 4:30-4:38pm w/organ mx, this ame seems semidominant here in absence of WTOW. WCPK-1600 Va. 6 4:47 w/NoR w/WIEK Rouned. -1530 N.C. @ 4:59 s/off week & much QRM. WILA-1580 Va. @ 5:15 s/off in mess. WHEN-1500 S.C. 6 5:30 w/s/off just above hash. WIOR-730 Ga. 1245 m m/off store Impunity will looped. I very much enjoyed Gen's article on the leverne ways. An one know of any large land areas for sale in HE Vermont? 73. Cod is for sale -ERC)

PLEASE REMONDER TO DOUBLE SPACE YOUR MEDINGS AND VERTE DIRECT. INCLUDE THE PRODUCTION OF YOUR VERTE DIRECT. STATIONS! GIVE DATE & TIME OF CATORIN MEDING REPORTS - THIS HELPS OTHERS!

BLAKE LAMBURGE - Box 803 - Canon City, Colorado - 81212

Since this will be published near Christman, I want to wish evgryone a merry Dinas & a Happy New Year? Diling has been rather limited this went since my alars failed me both SM & MOD. Herr IN No. 11/25- MRIE-1250 Arts. come In w/WOOD W/am III & ST 8 7:01;m. 11/25- WTAN-9:0 111. U/MIUP & D/WIY came in fairly well will w 15:27 ac., 8580-710 Tex. 6 6:15:00, 2800-1600 Tex. s/orf 0 6:40. I heard someone w/houl & "houl-73" (inches on 730 & 677 pe) in this other 1'm 99.95 sure it is. 11/27- WIRS-1160 TIL. very strong 8 5:33pm, WDIA-1070 Tenn. confirming an unit @ Sivien. 11/27- XEHK:-1470 Tiposas @ Stifes w/DE es. Nico-THO Met. DAUBH & Sillege on 11/20, sinc 10710-510 No. confirming another unit of firling s/off amountement. 11/29- KHEL-1300 Meb. 6 6125 enting NY/XX s/KYCS. AcunID on 12/2: Someone was giving WIN come tough UNN on 720. They were in CE, played no mr, & mentioned Gustemala. This was from 7:10-7:19pm. May ideas? We off-frequency LA maybel Semi-locally in Pueblo, Col., MAM-1350 has changed to what they call a "contemporary format" or or & only the most is -tempo NoB. They are still hanticapped w/some droll down-tempo MuR announcers, though, & KIEA-1290 isn't sweeting any over the extra or competition, or at least, not yet. Veries to since last Muse: KHTR-710 KD08-950 WCFL-1000, all nice w/qs. WCFL really were all out for me, probably because I said I preferred them to VIS any day, his Thu sent me a two-color v/q (inspecific), two DCs, & ten glossy photos of all their Ms. And all sent Air Mail (BO# postage)! I'm surprised may station would remost to such tarties, his Has everyboly w/s MCFL veris gotten this VIP treatment! I'm glad to see Larry Codwin & Schert Fischer Musing in the 11/25 issue. I'm looking forward to the 15/14 Specials in hopes of gatting my first furnisher. Reard totals: 400. I'm hoping for 500 by 1/1/71. See you all later. 73.

JAMES E. CHITCHITT - 1504 Dienwood Drive - Dan Diego, California - Roll! Mothing octatanding to report! your a notification that it is still being doce in the EV corner of the Mainland U.S.A. Reception reports have gone to CSL-ThO for R5 heart from 6:15-6:25an-80:31/2, v/c already received. to HIML-700, who had requested in an earlier verification a report after they were on RS; steady signal between NOB-770 & NABC-790; to NBGI-670 for RS 7:17-0:00 Thurs. 11/96, but XETRA-650 spills over even to 500k; & to 1296-1120, heard 4: 0-5:01, Sat. 11/26, spillover there had from MRB-1090. Dan the boarder stations? OTHE-860 was beard from 6:20 to 6:36, but not enough for a report on wes. II/4. WAYE-970 has surprised me a couple of MMs, 11/9 & 11/16 by coming through ECMV. NYA-780 may have been the station hears w/Castle & Cook prices; gave the time so 6:20 Mos. 11/9 6 5:20 MVI. In ensuer to someone's question, NATO-12:0 is AV Mos. EIRS-950 Boreks, Cal. has a PoP test He II/16. I bland ID & http://com. 11/10-On 1130, an ID from TOPS m/the other three Alls there. APON-1110 to 11/22 0 6750 am u/MFAC for call thange. Sat. 11/20 # b; li on Elik-750, S. Caracci was u/ODF until 4:36. Willi-14:10 surprised to 8 3:20 or 98:11/40, Tollesed 8 7:50 by 1007. Delhart. The Appendix on P. 32 of the 11/28 IN MING was quite interesting; soveral of the listed stations are also the heat heard from San Glaste Considerable less offert on technical items and considerably more effort in publishing up-todate RCR Lags would be appreciated by us anateur Diers. Where is the LA Loy, & when will one be published, combining it withe MRC Demestic Logi. Both bally members will one be published, combining it withe MRC Demestic Logi. ed by us Border listeners. Good DKing & verie collecting. (Fee'd 19/5 -ERC)

BILL ALBARRESS Jr. - 305 Haledon evenue - Haledon, New Jersey - 07508

Greetings new again! Time for a few some words from this normer of the world. DE is rolling in stocky, total heard now at 1,010. Howise look like this: 11/26- MILE-1350 7:30pm for call change: 11/30- CURF-1060 bidge call change, a little easier now w/MIN's signal attendanted somewhet. 12/1- WVAR-1550 bids for call change & all alone like a ton of bridge not heard like this since they were MINE pears ago. Also, WKM-1540 bids, & finally, WKM-1840 Bids/off after WARE not power. Then 12/2, must've been good groundwave- MINE-1160 se in weakly but clear & LF:15pm. They were the only county notices. Other then that, there's not too much unusual staff guing on - 10 to nice to find 1090 has only WMM days; it's nice to be ris of the WINE/MINE mean on 1090. That's all - till next, take care, & 73.

TOPY LABOUTE - Box 6291 - Portsmouth, Virginia - 23703

Hello once again from wonderful Virginia. Thanks so much to all who made the New Member's Kit possible. It is wonderful & from personal experience I know many hours of hard work went into it. As you get older time seems matter & goes faster. Maybe a s/on or s/off mentioned in my report will a fellow NRCer log a new station, then I'm encouraged. Miniature receivers always appealed to me. The IF section in my "home brew" will soon get a new

shielded unit. Presently the IF tubes (2) IU4-type will only take 30 volts on plate & screen before going into oscillation. Does anyone have any IAH4 or IAD4, etc. miniatures for sale? Thanks so much to fellow NROer Ken Iyon (N.Y.) for sending me a welcome card. Yesterday I went to visit J. Alex Bowab, NRC member in Morfolk but he was not home. WPMH-1010 has four beautiful towers near Portsmouth, but no XR yet. I bought a study manual for first class radio telephone ideemse I started studying for the license. 12/2- WPRT-960 clear on ID 6:16sm. Who had TT on 1580 6:30-6:45sm 12/2? 12/5- TT on1330 may have been WYGO - drowned out w/WFBC-1330 s/on @ 5. WYTI-1570 strong @ 7am but unk 1570 #

at about 6:59 & 7:02am. WPXY-1550 s/on 7:18am but not sure. Local WVAB-1550 Sat. s/on 12/5 was 7:25am. WRAR-1000 was on the air during daytime recently. WRAR puts in a good signal here & is 500w from Tappahannock, Va. Soon as the little RX is working better I will try for several more. Best wishes. 73.

RCMALD F. SCHATZ - 510 N.E. 158 Street - North Mismi Beach, Florida - 33162 Greetings! All right now, re the installation of NRC's mechanical filters. Sending plate voltage through the tiny transformer is an understandable risk, but in the case of tubes such as the 6BE6 or 6BA6 the power dissipation in the can is only in the lower milli att level - not enough to power a penlight, let alone heat the coil above the temperature level of its environment. This I have personally calculated & proved through several hundred hours of operation in two RXes without failure so far. However, use of the coupling capacitor is certainly not to be discounted! But NEVER do such a thing as add 10krz of resistance in series with the normal 1 kr load resistor of most 6BA6/6BE6 circuits. That will shift the mixer operating point severely, believe me! As I have stated previously, standard circuits will not fit just any RX! DX-wise, it's time for the ground-wave "bend", w/HJs u/the Cubans on 600 640 680 720 760 & 840k, some w/loud hets, at high noon. HIs on 660 & 880 likewise. This has been regular daily reception. Other DX in IDXD. On 11/29 R. Clark & I visited the VOA in Marathon. A feature article on the whole VOA story will be appearing in a few issues from now, ... Slides of the VOA facilities, also the Key West & Marathon commercial stations, will be shown at the FLORI-DX get-together on 12/27 & adjoining days. Again, please write me or phone 305-945-4915 now if attending so I can judge the food & beverage supply and relay last-minute info. From the response so far it should be great. DX may slow down here if my RX's PS filter capacitor breaks down any further, & I have little time to replace II these days. Meanwhile, may I wish you all a Merry Christmas & Happy New Year & the best DX.

DAVE SCHOULDY - WHOT - Youngstown, Chio - 44505

How do! DX has been going very well here since last report, so I might as well get in a few more lines. 11/21- WREC-600 5:50-6pm pattern switch in well, as was all of the Wannill stations, & a log on WIDX-620 6:070m but faded. Report off to WAX-570 for 11/24, 1:15-1:31am ETing w/WKEN off on WHOT'S EES monitor, & again was on on 12/1 but not IDing. 11/27- WCRV-1580 TEST 12:20-12:53am, and the line of the Wall-1580 was showing its face a lilian w/rr & Mingle, D of anyone ments Wash., here's a goodie, as long as WAOK-1380 doesn't test. Yes, more it. Welcome to the WRC, Rick Briggs. Also it was good to see Briggs, Jim Chrislip, Tim Davisson, George Greene & Bob Ligon, all om recent visits. How about reports from other local Youngstown guys? ERC needs your support, & so does

the Youngstown mass, so let's go! We've got a decent craw out here, so let's get our mass in DK MEMS, where is belongs. I have been appointed a member of the CPC, A letters are going out, in a way, hopefully, that will get some results. Verie total: 3. V/I back from EIIC-10-0 & a w/g back from WEIR-12-0 f/c. And to wrap it up, I loved 300 miles away from Pill ladelpring, & wouldn't you know that WIP-51D was splattering like orang all over CMCW while I was getting details on them? That is better known as DMCP's lock, hi. I support that we nominate Big George Kelley as the official NGC STUD 73a.

JDM CHRISTIP - 1472 Barrington Drive + Youngstown, Ohio - 14525 Since I've been in the NRC for two years now I guess it's about time for an intro. I'm 17, attend Fitch High School in A-town (Aust outside of the future NRC capital of the world). For five years more or less I've been DXing AN & I also DX TV and rarely FM when it's in season. I have a total of 877 stations received on a Philos hi-fi ranio (which is a lot better HI than you think), & so few veries that I'm ashamed. Amounts, here's my recent UK: 11/21- WSSA-1570 W/s late s/on & 7:20 u/very strong CHIO, 11/22- UCRV-1580 Washington, H.J. picket up # kps, daytime, w/s HK break & WPCC almost non-existant. 11/26- CJOY-1460 w/contest info @ 2:20am, WLTB-1510 w/c IN caught @ 2:47 w/hi-fi turned to mill MCKY. 11/87- CMSH-1960 # 1947 w/MX & tic-toc in back. WIVE-1380 W/MX W/WACK, WIVE has c/w format I think, (HI, no? -MEC) WASL-1560-1700 IAC w/no MQCD that Bight till about 7:30pm, WIND-1300 m/off 8 5:15 follows: by WHILL w/ad & ID 6 5:17 slee 1500, WOPQ-1130 (again) w/s/orr 8 5:15 & finally WYOC-1290 9:10pm w/Rick Briggs over. I hat his we could pick up a new one before midnight If we tried - and we did. 11/16- WHEE-1900 String concluites if w/ft from a tip by MRCT's Art Jordan when Rick & I seem winting w/Dere Schmidt. Until pest time I will leave you all. [Welcome to thin section, did - and it sure does look like you fellows have quite a colony of likers thereshoots (- EDG)

RICHARD M. BORTOS - 692 Moore Avenue - Campbell, this - binds

RI buddles. Since I am a new mades of the MRC, here is an
intro of myself. I am I7 years old & a senior at Campbell Memorial Righ School.
I have been a SCO Dies for two years now. Totals heard and verified up to date:
Stations 185/AG, states 27/12, provinces 6/2. I stations on an Allies Knight-Kis
Star Rusner five-band EV RK. I have a spiral loop externs. We bent time of
day for receiving stations since the DK season began seems to be at summer a tos
early evening hours. Recent catches are CHT LIKE ETAL KNIGH EPAN WERT mile will
No veries since 10/12. E hope to be receiving KDL & MODE very soles. The and
good luck this ye ar to all RUSEs. (Welcome to you slaw, Richard! We hope you
and the Greater Youngstown set will be in DX HDES often! - CDC)

EMERST R. COOPER - AND East 21 Street - Carrier Route 23 - Brooklyn, R.T. 1122 Well, three veries finally came - MIDF-970, HILE-060 & Will-Pio- the first is a v/q which also sentions HEFM-660 XHH-1270 IBIO-1380 XHH-1900 & MDSP-710. I have four verted now, h a report sent to MBM as it must have gotten Instel, hi. HILE-900 is better known an Hailo Clarin, and they verify & May I am their first reporter from N.Y.C. They sent also three permants? (M.) NM 11/30- WHIM-1550 urn noted Wing @ 2:50. They noted on1400 @ 3:00-3:12 & on. no IDs noted. On 580, an rr in FF v/AKAQ nulled. I think it's CMLC, but I did hear them mention Martinique once - could it belt? Unusual reception on 560 w/ WITH about even w/WFIL - normally they're not heard here at all. Scambody else on 570 w/worm a 3:30+3:55, when Rushos came on 4 killed 'em - who's this? I noted a R. Harional on 1380 by 4:33an, unID. They got kilt when CKLC s/on v/Oh Canada # 4:38gm. HM 12/7- VINS+1010 off, but back w/OC & FFs @ 2:30 - a Trer w/CFRD 6 2:25, unID, drat. An SS o/u CMC AN, probably Onder Porterns. Heny Venezuelane. stay AW during Advent, or s/on early in these pre-Christman days. HJRL Bogota, NCM, has alipped off of 610 and was 3-8 & IAC on about 600s this AM, AM. My FF-580 doing its thing again, w/rr, still unit. I hung onto 1380 waiting for that 98 A. Marional to s/on, and I caught an ID of WAMS Fring 8 4:15, & occasional mr. Then the HE on w 5:30an, it's the new Madio Macional in Santiago, D.M. ? This is an easy logging, how. I wish everyone a very Herry Christnes & Chanukah?

IDXD Monitor Reports

Westers' Loggwan Son Forwards, GPD Box Zire New York, N.P. 10006

12



Deadline Wadnesdays. Flease use one clas of paper only. Time are GMT. Receptions:

540 Brandor. Redio Trupicane, Guaraquil all alone and powerful 0730+08054 on 12/3 with many ment of "Tropicana" and lots of connercials; louder than Cuba-550. By the way, the law-frequency listing in the back of my anciest (1968) WRIVE Complement livis this sin as F. Tropical which is of mourge, incorrect, Matinetics ID at offer with Parale aper, (Starr) (1970 MRIVH, rage 363 and 257 both list slogan correct but call wrongent)

@ R. Tropicana at good level w/frequent lis and Moll type ms 0630-0700 12/6. Eastly separable from pregumalty CDE with new loop, Judging from signal strength, and the fact that this did not appear to be an auroral night, this should be a good bet for those needing Sconder. Inclientally what are the currect calls here, MRTHS-70 lists MCFG2; Chilo and others have rotd it as HCFAR. (Bullivas, Mass.) (FRIS says SCFAR, for what it is worth; I believe the A version is correct -ed.)

@ R. Truptons noted NM 11/30 just pounding in Auring regular AR panel should get out well. (Schatz, Fla.) (Screngen, Ont., next item

540 Mexico, IDMA, the fele fetogf in well 6434 on maroral might of 11/7. completely oblitarating usual CHET. His as La Voz de Ambrica Lating. ** 585 Ct. Kitts, KIE, Tassetsers, is now here es-570 larged Oblo-0501 12/9

and w/off at 0301. Mostly calypso as, dedications, sequents, etc. 100 World Service news at 2000, Clear ID as I I halls at 2159 and again 44 at s/off, A new country here, and must welcome, Now for the veries (Ner-...

600 Colombia, KNSJ, Sadio Effertas with corner / 1835, 605, 6kg 6315 11/89.

** 605 Columbia, MUNIL, H. Massa Granada v/socret, I believe the Cuba wa. Colombia championantp 0310 31/29. (Simunda, MJ)

@ HIKL is here ex-610 and is AN, (Schutz, Fla.) ** 606 Costa Rica. TLAV, Padis Tistar is here ex-600 nominal. Stranger here

** 610 Colm. CON, Printing "Raity Scholde" is here on 600, (Schotz, Fig.) 640 Schmar, Miller, Batte Vision, Marta, Sites sives will a but her late in

evenius, Good IDs. (tenata)

564.6 units, to compact this is M.I.P.S., // tho on 11/25 at 1225, Sain age: at this size but the man QRM, reals not unterstann at well but they had nown, worth-10 mays Castries will may be offered with 10 ke from 1365. Remark they already have, but are drifting, WHYS also says that Servan will move from CF, 10 550 and St. Server's from 535 to 540, \$11 with 10 kg. (Outfo, Data) (Sether song time env, while an apitte -ed)

Browler, "Materia de Enfarras Atalaya", Susympth, hed sery well witrana coling at 130, term als and ID as ment above at Chil, no 11/25, hours free as 675, also N and Pt, then local mr. First tips and manualChyfo.

715 Bondarma, My facto Carries more in from Hindurgal apparently new call & stores. The cally and only the hors, evered to be shift, forgot thin on 12/14 White on broad to quite west more (Lanton, Parl Older, May Re)

Marious the very struct with me in commiss own 11/29 and head Chief.

Was in also very ottom to in according to the act of act of the country of the co

at William of South process, marrie and more distributed

NOT Density, By and by In-my Col per in The and Cor tile a 1 rat, 2345 1/6. Bover talk atm mo ber man trans of usual monwerly Cally, his since he I to stouch TVE at the larv, in 195, in Terms, views CKIN OR THAT HE STEEL (S CREEK, MINER), U.S.

And Borton, trio, Co. January on Pitts at 177 to 1/10 with BUT Co. a.

the language, total and " I Cate Mental Car , to file was, to first a Peac nat. (3-atc)

830 Haiti. WMC believed to be the use had here with religion in Eng 9025 to 0030 11/7. Had a sermon on Moah's Ark, QSM from a SS mentioning Havana and a very weak WOCO. (Scrensen)

834 Brit. Monduras. R. Delize noted in agnessed Eng 0202-0235 11/29 with "Belize Hit Parade" and during the time I listaned they played Nos. " to 1 on the hit parade, and 2 "extras". Some gay called New Labarus has 3 records in the Top Ten down there, Also and this atm 11/7. (Sorensen)(I wonder if Ken Lasarus is also Delize's Husic Director? hi -ed.)

Sha Gilb, a Ellice Is, Had Turawa with bits and snatches of signal on 11/30 Was never higher than s-4 but shows the noise enough for taping Offitodel with non-stop (seals narration, and 0842-0901 and 0916-0921 with same male abor; no music had furing any of these periods. Mad noted them here before but never enough for identifiable putto before, (Starr, O)

@ Tarawa had weak to fair with native lang pgs at lines between 0830 and 0903 on 11/22, 23 and 26. Reception on 11/26 was from Lake Takon. (Namp) 855 N.W.I. Caração s-9 and very clear with rock as and Fenale in Papianenta (I believe) 0016-0021 11/21, Will no problem down here. (Delevence, Mass)

** 870 Cuba, COM. "H. Internacional", In Habana is here again from 860; they sometimes drift from to 868. (Schatz, Fla.)

880 Guatemala, TGJ hrd week under WCBS C3AS 11/29. (Elminde, MJ)

** 910 Hasti, Fedio Noovens Monde, Cap-Haftian is owned by the daily Noovens Monde, Stn Id's as "Isi N M M". (Scharz, Fla.) (this indicates a change ** in that this win was previously thought to be in Port-wa-Prince -ed.)

Aruba, FJA6 at a solid s-5 level with Xome carols 2318 11/20, (Sel-20) Caba, CMCK, La Habana, ID's for this one include: "C O C O, el Periódico del Aire, la Coco, la coda informativa y deportiva del I C R. Inta mostly as "seh-ob-seh-OH" - to the best of my knowledge, COCO on SV no longer exists! (Schatz, Fla.)

990 Colombia, MITE Loud and clear with NCW IIm 0835 11/23 listing atms on

the BCN network. (Delorenco, Mass.) 1005 Cuba. CMAP, Guane, "Radio Goand" // 1010 and 1019, for RFS list. (Schatz) 1077 Box. Rep. HDMC, "R.P.Q." Banto Dumings is here, drifting from 1080, with clear audio. (Schain, Fia.)

**1060 Coba. "Radio Caribe" CMBM. Santa Fe, Isla de la Juventudia relaying CMCH-1001 in Mueva Geruna, (Schetz, Fla.)

1120 Venezuela, TVMF, Occas del Lago, Maraculbo taped with several IDs 2505 (E) to 2318 12/1 per tip from Page T. (Bitmunds, NJ) (Good LSS skip)

**1138 Colombia, Radio Girardot had Illing here on 11/25 at 6207 drifting from 1140. (Objfc) (Perhaps a move here to evade the jaming on WORAS-ed)

1190 unID LA. Noted here 2320-2337 11/6, strong at times but much fading, slight QBM from likely WOMO. Flayed quiet instrumentals including Thomas from a Summer Place at 2320. Newscart 2330-37. (Scremen, Ont.) (UZCTI-es) **1229 Cuba. CMCH, Jagley Grande, Radio 26, correction for 2FE list. (Schatz)

**1256 Costa Rics. Is here ex-1250, No further info, as I misplaced my log-

abset, Darn. (Schatz, Fla.)

**1256 Cuba. Reloj Macional, CADE, Bayano is the one here, per loop. (Schatz) **1250 Venezuela. Radio Especial, TVRM, Caracas. This is a change of mane from Radio Impacto, Hrd at 03A6 on 11/23 IDing as "Beffal Door Sepenta, R. Especial" and at this time, relayed FBC with Spanish news. (Objfc)

1265 Colombia, "Caracol en Bucaramanga", s/off at 0456 on 11/19, suppose this is Radio Quince, HJTX, Giron or Bucaramanga, as per WHTVH. (Ob.)fo)

1985 Micaragua, YNEPS, Radio Granada, Granada. This one quite nice evenings until s/off at 0400 with many IDs as Granada. 0104 12/1. (Shannon, Pa.)

1307 Cuba, Reloj Nacional, news and TC every minute, 0455 11/16. (Objic) S Reloj Macional, CMHK, Cruces, correction for RPS list. (Schatz)

1339 Cuba, Badly hetting 1340 11/23 0622; looped Ote, or maybe eastern Ownsguey prov. I think was R. Progreso set, not sure. (Einunds, MJ)

1378 Cuba. This would agree with RFG's item about CMJ- in Canaguley. Hrs 0317 11/25 with proper looping. (Edmunds, NJ)

11 139h Cuba, Florida, "Badio Centro de Florida", CMJI has been reactivated. One pronounces the city, "flo-RFE-dah" with stress on the End syllable, (Schatz, Fla.)

8 Cuban here (gave freq as 1395-ed.) don't know if a new one, or if 1393

drifted up. 0525 11/19. (Edminds)

1419 Cubs. CMCM, Baracon, Ote. hrd strong 0517 11/19. (Bilmonds)

1429 Cuba. La Voz de Baragua, or current equivalent (7 -ed.) in Palsa ha-

riano hrd 0055 11/29 in aurural cs. (Simunda)

1835 Aruba, Mai, Badio Kelkboom, BVA5 is usually very strong with their AX open carrier which is a great help, but had unusual peaks at s-7 0100 to 0130 on 12/2. Local 5 KW WEGG-1640 really splantes on 1435 and the multipath (wavefront ellipticity? aboved loop? sTewed loop? -ed) sig makes it impossible to completely loop out. Even though, bits of audio were hrd but not nearly enough for a report, But, there is evidently hope. (Starr, WHEE 500000 my contour) (I still bet it's your loop,hi)

** 1549 Cuba. CMJW, Santa Crus del Sur, "Pacio Maboa" is the one here. Add to

RFS Cuban Idet. (Schatz)

** 1450 Celembia. This is Hadio Hintonia, HUML, Villa Maria back herefrom 1440,

hrd Illing on 11/19 at 0516. (Objfo, D.Rep.)

1475 Ricaragon, Badio Contellina, TNAC Chinandega hrd IDing on 11/83 at CF31, twice and fast, pop ms and ads, very weak but steady signal, rarely is had here, Pronunciation of "Cooledina" was not as I thought it to be, The "gui" is promounced the same as the "gui" in "Anguilla" and is not the bard sound as in "guttar," The two dots over the "t" are nicossary in Dynaish to get the "givee" sound and the MET'CL list does not print the letters with the two dots, (p. 360-of,) (Objic) (Evidently sitted the compiler of the list, or the typesetter, did not haw of, as understand the significance of the U. -ed.]

** 1408 Costs Rica. "Ballo Columbia" is here but don't how from store. [donate] 1507 Anguilla. Finally got multo on this one with 3-note 15 (S-C-C) and

ID 0032 11/29. (Bisunds, R7)

1529 Vatican. In daily 11/26-27 between 2500-2500 usually with alternative man and woman in Italian. In an early as 2109 11/25, about 10 minutes before LSS with man in Ttalian, plans/organ IN 0115, there a man to 2126, IS again 2126-30, then women with news, 2141 fadeout as on got worse, N/off noted 2912 11/2k, marrier mat at 2213. Preparatly childerated all domestics on 1530. (Delorenso, Mass.)

1530 Puerto Bleo. MDB, Dianos s/off at 0231 on 11/28 with La beriogenia

and S.S.B. (Chiffo)

1535 Columbia, La Vez de Petróleo, H.HO Serrancabermoja, Hrd. IDine at 0356 on 11/11 announcing freq as 1540 and m/off with MA. (Objic)

** 1541 Columbia, Redio Cance, AJEV Turbaco, bri Ifrica at child on 11/12, a move

from 1545. (Oblic, Dom. Hep.)

1546 Ukraine, Vinnites moted with also, propertial az Fike 11/07 and Fi at 2147, then list to WPTS splant but up again at 2200 with clear Balli-Mosecow IS, wirl at 2001, man with news 2002 and apolly lost to spinsh. Could not ID lang, sig peaked at o-6 with ID at 2200, Ctry \$56 hrs; tax to GPN for tip. (DeLorenzo, Mana.)

@ Stn hrd, bearing correct and other high-band TA's in sull, cep. 1986 very strong. Listened to it DR15-0315 playing semi-planeical may never or some other talk 0300-0305 or so, Quite sood during the music, at times, but faded during the talk on couldn't ID the lang. I am guessing

Vinnites. (Shannon, Pa.) (Undoubtedly they, John-ed.)

1520 Columbia, HJAX all alone with is Vox Porters ID after WHIL e/off 2331

11/22. (DeLorenso)

1560 Mexico, MEVIP, Radio VIP, Mexico City, sitho a regular here, was unusually potent at their 0601 s/off 12/3. An amusing signal for their announced 500 watts night power. This station has re-worded their well known soff sent to read "affiliated with" rether than "licensed by" the Columbia Broadcasting System of the United States; they now give (continued)

1560 (cont'd) .. They now give the name of their owner's company, an affilinte of Badio Programme de Mexico also, Address still 20 pleo (which means second floor-ed), Reforms 322. Pape and report is in the mail for my annual try at a verie, Any NRC or IRCAers visiting Mexico City should visit here and rattle their chain about veries. (Starr, Chio)

1575 Costa Rica, TLDC, Endie Columbia, Palmares, Pinally IDed this cos atter many moons. Usually is quite weak here, but up nicely for an II at 0140 as "Badis Columbia", this on 12/1. This one has had much talk and little music, whenever I have hoard them. (Shannon, Pa.)

** 1580 Colombia, Radio Palemegro, Buenramouga, HJTM, back to this freq from

1465 and hrd 11/22, IDing at 0450. (Objfc, D.Rep.)

------RFS reports the reception of CMC-FM on 90.5 mHz from Havana, which is their studio-mutr link for AM. ------

Verifications

1423 Colombia, Madio Reloj, HJHE, Manisales sent a good v/1 for tape and report of 10/25/70, took about 4 weeks. Signer is Gilberto Aristinsbal E., Gerente, QWit Apto. Afreo 335. Specifies this freq, and call letters. (Starr, Chio)

1178 Okinmen, Ryckyu Is, Usual blus VoA QSL in 9 days; bas date, location and freq. (Namp, Cal.) (Bri out of sequence. Card came from Shahlff-ed)

Cfoar Objic informs us, in answer to by query, that the line in the Dominican Depublic is advanced 30 minutes every year from Deptember 24 to January 21. The, Cour.

Britain to Turn Clock back to G.M.T.

(Excepted from an article by Anthony Levis uppearing to The New York Times) Landon- The House of Commons woted December Cod to and Britain's brief filttation with Continental clock time. Deginning next Movember, Britain will return to Greenwich Mean time. The americantally one-sided vote one 300 to 61. It was a "free wote" which means that numbers could follow their comballe's in voting, rather than that of party leaders. The labor deverment (spelled "labour" over there-ei.) in 1968 began the experiment with what is called British Standard Time, the sums as is used in the rest of Europe. The main argument for the charge would be that British companies would be able to combust business with the Continent move easily, as lunch hours would be the same. However, furthers did not like getting up in the Jark, In Scotland, which can approach Arcti- limit conflictions in the winter, there ums even greater resentment.

Greenwich mean time, which has been the world stundard for astronomy and payigation and many other fields since 1864, has a certain show of copire about it. The experiment was associated to end after next pursue unless Parliament made the new time purmanent, It will now aspire. During the years of 8.5.T., Britain and Ireland hept their clocks steady throughout the year. Now they will return to the grantine of putting clocks about the bour from the end of March to the end of October, Thus, Britain will still be on the same time as most of the Continent in spring and sugger, as no other courtry but Italy is western Durope uses summer time, Opponents of the P.S.P. experiment made the winter the issue; sunrise comes very late due to the far westerly location of Britain in the Burupean time zone. Under F.S.T., in midwinter London, sunrise comes at 9 AM. Belfast is far enough west so that LOR is about 45 minutes later, Glasgow, Scotland's biggest city, also sees the sun at about 9,455K. The sun of course, lasts correspondingly longer in the afternoon, but that evidently does not offset the gloom of rising in the dark. In an 80-page analysis of multis seinion, the Government found that most people in southern incland were neutral or only offilly in favor of the B.M.T. schone, while northernors were penerally against it.

MORE COMMENTS ON TRANS-PACIFIC RECEPTION

With reference to Gordon Nelson and Jay Murley's articles on TP reception, a few additional comments seem in order. Jay's otherwise excellent article did omit mention of the one Phillipine station which is sometimes reported by MC OXers, VOA-114D. Although this 1000kw powerhouse is beamed to South East Asia it is sometimes noted around 1100 GMT by DXers North of the Tebachapis.

It is suprising that there have been no reports of TP carriers from EC DNers. Although Gordon's article is certainly accurate, it merely demonstrates that TP reception from the East Coast of North America is going to be very difficult. The 6700 miles from Boston to Ponyang is a long way, but it is comparable to Los Angeles-Manchang or Los Angeles-Freetown as far as distance is concerned. Although most MC-Europe paths are somewhat shorter, Los Angeles-Tirana is also 6500 miles or so, and also surgral. In fact, all Los Angeles-Europe paths are probably triple skip, and our rare TA openings seem to show little geographic preferance for Western or Southern Europe.

Regular checks of TA frequencies over the past three (noderally high sunspot count) years has shown between 10 and 30 nights a year when TA carriers have been detectable in Southern California. Perhaps 25% of these nights produce some audio and perhaps 10% of the total openings will produce some reedable audio. These figures apply to Europe only and not to the non-auroral path into West Africa. Presumably the EC-TP path will have similar characteristics, albeit with even weaker signals.

These characteristcs are:

 There will be no particular preference for the higher frequencies to have stronger signals.

2. There will be no particular geographic preference for certain arms

of East Asia to dominate.

3. If any signal is far enough above the noise for readable audio, a

number of split frequency carriers will be audible.

 The stations heard will not necessarily be the ones frequently reported by NC OXers. [Witness the suprising frequency with which Tallin-1034 and Murmansk-656 are reported on the West Coast.]

5. There will be frequent deep fades.

 There will be a decided seasonal preference for openings to occur in the Fall, particular in Late October and November with a few openings in the Winter and Spring.

If I were an East Coast DNer setting out to log TPs, I would make a practice of regularly tuning likely TP split frequencies right around dawn.

I would hang on the split frequency for perhaps 5 minutes before giving up. I would make a particular point of doing this on murnings when Morthern Europeans had been in well the night before, and also would make a point of checking for the Chinese on 1525 in the early evening. Likely splits are 555, 835, 1376, and 1475 as well as the numerous North Korman splits (other than 655 which is a must) and 1178.

If I didn't have a good loop and a mechanical filter, I wouldn't bother.

Don Kenney, P.O.Box 1668, Santa Monica, Calif., 90406



At the Boston 1968 NRC Convention - Tom Helmes (standing in foreground) & GPN show off altasimuth loop and answer some questions at the tech session; Cesar Objic (standing behind loop) and random NRC heads watch; GPN kneeling behind loop.



St Louis NRC Convention 1969 - Kindly Ol' Ed Krejny, in a tense and action-packed atmosphere, prepares to propose Merger again (with the lows SW Glub that time, if memory serves right...) *GPN

TIPS FOR NOVICE DIERS - 3

the Heal 20 ma / sa countries by F. Daylor & H. Edwards

It is an established fact that must bit arm go for owneral years at the hobby before they awaken to the realization that it is really fairly easy to ing their first twenty countries without straying from the western besimphere. The ensuing paragraphs are an attempt to set down a set of "instructions" as to what to listen for and when to hear it in order to schieve this end. With the exception of some areas in the Facific Northwest, where listeners way find it camber to substitute Alaska & Hawaff (since these countries on most major DK country lists) for two of the LA countries they find to be must difficult.

Of course the initial four countries hardly need mention or explanation:
The US, Canada, Mexico and Cube can be logged on any given night even with a
cheap translator receiver. The others will take varying degrees of additional
affort, and will be presented herein in three groups, arranged according to the
relative degree of difficulty required to hear and identify them. It will probably require the better part of a DI season to hear then all, and it will undoubtedly require at least one or two periods of surgral conditions to snake one to
hear then all. The list presented here actually includes 2% countries, as it is
quite difficult to decide which mong the last group are the ners universally
able to be heard.

The first group of countries should generally be heard under normal to good conditions, or with only mild serveral activity. They include Paorto Rico, Columbia, Venezuela, Heltos, Sonziye (Neth, Antilles), Depoids, and Deriams,

PURITO BIOG: Althoughs U.S. possession, Pueric Bico has very faw Englishspeaking stations, and these few are not asong the most easily heard. The
most readily-heard Puerte Bican stations are RUA-600 h WRAD-700, WEA is
all Spanish, and marries Latin music, generally of a middle-of-the-boat
(MGS) nature, with a significant quantity of talk. Depending on your lomation, there will be come QDS on the sharmed, but WAPA or "Radio Wapa" is
quite widely heard. MKAQ is more difficult, but perhaps sasier to identiTy doe to its distinctive STD jingles, which consist of a shared arrangement of the worder "Dep Eab-Ab-Noo, Mas Minion..." which is of course consuribed phonetically herein, and translates: "On EAQ, Hore Mario". It is
stallar to many U.S. rockers, and the music is predicatally upbeat, and SD.
Other stations on the island may also be smally heard, and it is generally
best to look for them at their sign-one, many of which are OLOO or CLIO
EST, which is before the majority of mainland U.S. stations sign up.

BELIES: Formarly British Honduras, this newly-independent country is now need after its capital city, Belies. The lone station, widely heard thru such of North America is on 5% kSz., (nominally 5%), and operates in English generally. The accent is slightly clipped, which makes it easy to notice. Even when sureral estivity is nil, this station is heard in most areas, despite powerful locals which may be adjacent to it. On occasion, it may be heard off its normal frequency, and has been known to operate on its nominal frequency but only infrequently.

SURINAM: This former Dutch possession on the Northeastern coast of the South American continent gained a high-powered, easy-to-hear station on the BCB about the time it gained independence. That, of course, is BDS, on 725 kHz., which is generally audible throughout the U.S. under reasonable conditions. They broadcast prinarily in Dutch, English and Paplements, with varying susion from US rock to native music.

BERRODA: This tiny island boasts three medium wave stations, one of which is easily heard, another is not too difficulty while the third is nearly impossible. In that order, the three are: ZBM-1, 1235 kHz., IPB-1, 960 kHz., and IBM-2, 1340 kHz. All program in accounted English, with primarily Middle-of-the-head type music. Recently there has been speculation that IBM-2 has slipped slightly to the low side of 1340, and, if it gets to 1339 or lower, this will make the station infinitely easier to hear.

METHERLANDS WEST INDIES: By far the easiest station to log from this Island group convenly referred to an the "ADC Islands", Aruba, Bonaire, and Curacao, is PJB, on SCO kHz. with a half a regarett. This station is easily heard, and broadcasts a large schedule consisting of many different languages, among which are Dutch, English and Paplements. Programming is somethly mostly that of R. Nederland relayed. A second station, this one on Curacao, as opposed to PJH on Benaire, is PJC-2, 855 kHz., Willensted, which broadcasts similar programming to PJH. If you cars to complete the three larger islands in the chain, try for PJAS, 1835 kHz. between sunset and 2200 BST. This one is R. Helkhoom, located at Granjestad, Aruba.

VENEZUKLA: Another country which is reasonably easy to hear is this one. Principal language is Spanish, and musical formats range from typical LA music to ranchero (accasionally) and some Indian (S.A. variety) music. Probably the saminst station to hear is TV0Z-1200, R. Timmpo. This one frequently dominates WOAI in much of the U.S. Others to try for are TVMI, R. Calendario and TVAS, R. Margarita, both on 1020; and TVIH, R. Girardot (prom: Heerardom') in Marsonay, which is not to be confused with the principal meaport of Marsonable. This one is on 650 kHz.

COLOMBIA: Perhaps the easiest S.A. country to hear, Colombia is also a country with a good number of stations to choose from. Principal language is Spanish, and formate are similar to those listed for Venesuals. Stations to look for ares HJED-52D, La Von de la Rio Camos, in Cali, subtible throughout much of North America; HJED-52S, R. Pacifice de Cali, also in Cali, whose ID is spoken very rapidly, so that the words are slurred to other, HJAT-1100, R. Reloj in Barramquilla; HJCM-1100, R. Reloj in Bojota, which is generally parallel to HJAT, but does have a local ID as "Radio Beloj, Bojota", as opposed to "R. Seloj, Harramquilla"; HJCE-1160, El Mundo en Bogota, in Bojota, which plays classical-type music, and HJML-1161, Ondas del Cieraga Grande in Cieraga, which is usually easily separated from HJCC if both should be in.

23

OMESTIC X IBEST E. S.

EDITOR: r.j.edmunds box 046 wayne, n.j. 07470

(201) 335 8397

The second group of countries are relatively easily heard under normal senditions in many areas of the country, but should most senurally be heard under sureral committions, or during oppnings to the South named by other phanomena. It includes the Sahamar, Dt. Plarre, Saitt, the Decision Sepublic, Costa Rica, Micarages, and El Balvador.

BANKAS: These islands have two assigns were stations, however only one of them can be considered leggable outside of Floride. That one is IRS-1, on ISAO wis. In many areas, IRS can be legged most minute under ZICL, but for those on the west count, and those near MPTE may have to rely on special conditions to bring them this station. Frequencing is in English, and features westly middle-of-the-road music. IRS-2 operates on ISAO with, which of course makes it extramely difficult to hear over a majority of the states.

ST. PIRRORS This French territory has only one medium wave station, which is an outlet of the O.R.T.F. (the major French programme) and operates on 1375 kHz. Often nevices mistake this one and O.R.T.F. in Lille, France, as the programmes are purallel, however the use of either a reasonably selective receiver or of a loop should beer out the fast that they are ten distinct stations, although only I are apart, (Lille spurster on 1376). Programming, obviously is prisonally in Prench.

HALTI: This, too, is a Franch-speaking country, although it has a large number of stations. For the most part, however, we may consider only one of them to be a princely larget for Divers, although two others are resembly widely heard. The farmer station is MVI on 1035 offs, the calls are also variably given by reference mournes as MVZF and MVIII. No one is assetly maps where the conficient arture, the only ours thing is that MVIII is a shortwave multist, which is the key station in the network, and as manh, it is the primarily Effect station. The location of the 1875 outlet is Cap Gaitien. The other stations mentioned are LVAR on this day, in the capital of Fort-one-Prince, and LVE on 1355, in the same city.

Constitute the black this country constitutes the other half of the falsed which also bouses Saiti. The principal language here is Spacial, and there are currently four fairly stdely heard stations, One is HIJB on BiO kHz., R. HIJB in the capitol, Seato Desirgo. This is heard frequently buring an autrors well own MIDD, haddo-Televisora Charin, also in Santo Desirings. The third is HIJB, haddo-Televisora Commission, on 620 MHz., and the Courth is a relay of this station (1.m. it programs identically) on 1272 MHz. Social the Commission stations ID frequently and clearly, and, thus, are easily distinguished.

COSTA HICA: All of the stations listed for this Central American country program in the native lampage of Spanish, and all are located halfway between demestic charmels, although the first generally is found up to a time. Jow. This one is TIQ, H. Gasimo in Paerto Limon, nominally located on 1205 dis. Due to Strepeans on the charmel, it actually becomes easier to hear when running law. Programming on this cose and the next one is frequently in English as well as in Spanish, although the phraneology is penerally under the Spanish influence. The second station is TIRAL, also in Paerto Limon, on 1375 dim, The Unit is TIRAL-775, "Atemsa" in San Jose. The III's are usually over the music, and thus harder to pies out, as are those for TIRAL-825,

Hello agains once again we have a very large column w/ over 70 items in the first section alone. Due to pressures of time due to work editing will again take place. Deadline was advanced to Tuesday to compensate for anticipated holiday sail delays, and next issue will be advanced to Monday. First, a few comments: 1) some members have complained about my use of USPOD abbreviations for Canadian provinces. The reasons for such use are not ones which beer malice, they are simply the only accepted two-letter abbreviations (by that I mean accepted by anybody at all), and space & sesthetic appeal of the column in the graphic sense necessitate two-letter abbreviations. Thus they will be continued, with apologies to Canadian nationalism, 2) We've had queries as 30 the symbolism used herein shead of the frequency in our listings. To define them, the symbol * or ++ means that the subsequent item denotes a change in log data. The symbol * or ** means an item which is more important than others with respect to data-keeping, etc., such as new f/c's, r/c changes, special or extra-rary receptions. The more asterisks, the more important, bi-The symbol I or II (or x or xx) denotes so Item listed out of marval frequensial order, Any combinations of these symbols, naturally denote that one or more of the above comments holds true for the listing which enques. 3) About pirates; my personal policy, which I have extended to IDCO, conting any viclant objections, is to not list such info here simply becames there exists the reacts possibility (Nt. DP) that the FOC might set them before you trans time down and get your verie. We've had at least two cases in the past two years wherein we believe that the FOC has located pirates from INC leavers. In one case, I'd already gotten a verie when I sent the infe in to rk, and the other was another DI'er. Again, let me rollerate, if there is sufficient opinion to the contrary, I'll run 'em. Suffice it to say that I've received recent reports on piretes in Southern Florids, MYC area (hrd to Buston & Balto.), and Pibgh. Now on to business: midzighi -10 SUBPISE

560 KMLU-as Fair w/ NBC mx, 0900 ll/27, QRM de KSFO (Dumon Geise, Sacramento, Ca) Welcome, Duane -KjE 590 WOW -NM In at good level NM 11/30 Clas w/ mm & plagle (Dave Schwidt, Youngstown, Chis) 610 CHMC-Os Brd u/ past MIP finally w/ winrd ma a FF amounts, (RJE) Tal WDAY-No On during listed BY 11/22, now USP #7 (Faul &. Hurt, Ft. Worth . 620 CHUE-Sa Filmed w/WHUN MH 11/30 w/ one say, noted as early as Olio (DS) Erd 0330 12/6, taped w/ chw, a change from request-or (Fage CBU -BOy Taylor, Butler, NJ) Mrd in/out w/ TRINA 0245 11/30 in good W. cz (Fage-) 730 CHIR-On Noted w/ 00 0330 12/3, remand H abruptly 0352 w/ mnoct. of technical problems (Jerry Starr, Youngstown, Uhio) 750 KCMC-Tx Strd 0200 11/30 w/ CBX Isoped (Fage) CHX -Ab Hrd 0204 11/30 w/ KCMC looped (Page) 750 KCRL-Ny Hrd v/ miss 0300-0356 s/off 108 11/30 w/ sparse ID's on hr., and thr. (John Channon, Kittanning, Ps.) ID 0221 12/6 in pgs, "After Midnight" so is AN (Page) + 910 WDAF-Os KOLC-Ok Hyd, taped 12/60300 follo by one ma, many min (Page) 930 WTAD-Il Hrd w/ el mx, ID 0027 11/26 (Blake Lawrence, Canon Cy, Co.) I 920 KDHL-Mn Hyd u/ WORT w/ nx & s/orf DOSS 11/30 (Mark Eats, Brighton, Na) petitions for Latin Asseries, a majority of stations from any number which has a team playing on a given date may be expected to carry the pare. The name is true for many of the British possessions or former possessions in the Carribbean area with regard to the world disapplications in crimet, as many West Indies Broadcasting Service ortists [W.I.B.K. and Janabana, atc., stay on to carry the games, which are frequently at most ridiculus hours, as games are often relayed from sites in Australia or New Essions.

In the case of elections, the dates of these events in many latin hearican countries are publicised in DI bulletins in advance, to allow for typing to hear those stations which may be on late with election returns. The case with other national events, of course, vary with the type of event, whether it be political or a natural diseaser, but it offer pays to soop up on the news from these countries should constitute heaven (though DX'ers may seem to be opportunists session to profit from disasters in other countries, we must revenue that DX'ers there sust follow the same practices, bil.

It is hoped that the tips contained in this work will be of above help not only to maying DK'ers, but to some of those who may have heard many of the countries listed, or all of them, but may simply wish to increase their station totals, Once ajain, convents, suggestions, or corrections are encouraged.



"Titania", also San Jose; and TIGX-1225, "Radio N-C" (Bay-Say) in Cartago. The last station on the list of well-heard losts Ricans is TIFC, 1075 kHz., "Pare del Caribe".

HIGHARDA: Another Central American country is this one, and it has three stations which are generally sadible in North America. They program in Spanish, and are similar in format to those of Costa Rice and El Salvador; namely: Latin Music, generally moderately quiet, some ranchero, and frequent ammouncements and news. The stations to look for are TMD on 675 kHz, Union Radio in the capitol of Managus; TMLU, 965 kHz., R. Managus, and TMX, 750 kHz., Estacion Equis, both in Managus.

EL SALVADOR: There is only one station to look for from this country, and it's Radio Nacional de El Salvador, YES, 655 kHz., in the capitol, San Salvador.

The final group of countries are significantly harder to hear, although by no seems truly difficult. The group consists of Honduras, Gustenala, Sint Haarten, and Soundor.

HONDUMAS: Located just south of Mexico, Monduras has two stations which are probable targets. They are HRAN, 1165 in Puerts Cortes, La Vox del Atlantico; and HRVW, 1172 bits. (merinally 1170) in San Pedro Sula, La Vox del Contromerica. The latter constines ID's aimily as "Contromerica".

GUATEMALA: Again, we have only two principal stations to look for:
NOT, 1187 kHz., R. Senora in Guatemala City, and TGJ, R. Masvo
Kundo, in the same location. Depending on your problems wish the
Cuban on 640, you may also hear TOW there, and pending a move back
to 660, TORT, currently operation on 664,5 is also widely heard.

SIRT MAARTEN: This Carribbean island is a part of the Netherlands West Indies, and has only one station which is frequently heard, that being PJD-2 in the town of Philipeburg. This one is heard in English, Dutch, and Papiementu, and has frequent religious programs. Its frequency is 1295 kHz.

ECUADOR: Perhaps the most difficult country to hear of all listed here, Ecuador has three stations which can be considered as nost easily heard, Since call letters listed for Ecuadorian stations are almost never used, frequently listed Encorrectly if at all, and generally meaningless, these stations will be listed by slogans only. First on the list is R. Suceso on 995 kHz, in Guayaquil, which is probably the easiest to hear. The others are Ecos de la Montana on 665 in Quito, and R. Ifeas, 945 (scretimes heard on 946), also in Guayaquil. Formats are generally very similar to stations listed for Colombia and Venezuela.

Now that we have listed the best bats to hear these various countries, a few general notes on circumstances which may make loggins of La's master are very much in order.

As in the D.S., there are two ppinary causes for LA stations to stay on the air beyond normal sign-off times, or to have a number of stations from a given country be on with identical programming. These items are sporting events and affairs of national importance, such as elections. Throughout Central and South America, the national sport is soccer, and during the charpionship com-

	300	Likerik	The MA SELECTION SERVICE TRADE OF CASES
		HIDS-AR	Ober Weak to fasty sto CILS 33/30 [TaySor]
		EATH-Id	
		CON-100	
	7,000		
		CFAC+AD	
		EOVIDANT	limi 12 w/eff 11/30 0202 (Hapt)
*		SEA-38	Hed w/ ID ending unlinted f/m (listed electors =131) ODAC
		DUCSE	The betw. NFWE/ORN 11/17 Other w/ sports, na, we ofthe Delse
			*** Wonder why we don't shoreviate sports as fart, hi-hill
		MIDE-TH	And most of AT 11/26 W/ good sig on what seems to be a dead
	120	WHOM ATTE	
			freq. otherwise most of early as. (Seise)
		- 五寸日丁十九年	Hrd 12/6 0365 v/ VING looped (Taylor) on These year is who call
			loop VIBO +EJE) (Geise)
	1000	KXXX19-52	Sneaked in u/1200 w/ Ib then obw mx 0831 11/20, then faded
		KBJW-Tx	Hyd w/local spots & chw mx 11/26 17/4L o/ unid weks atn.
		KUPK-Ka	Mrd 11/26 0637 m/ regient rpt, planty of local spots, good
	1100	THE PARTY	
			sig. (Geise, as was 1010 item)
		CUID-Ga	Stong w/ mr, mx, mx (AMA1 -R/E), rr 11/28 0801-0213 (Steve Lamp,
			DX'ing from Lake Taboe, Ca) ((-I'll pressure all others from
			Stevn are likewise-Gji))
		CJIC+Cn	Fair, Maing w/CMDM w/ mx, sx, sx 11/25 0529-0536 fade(Camp)
		MEDI -812	New ID for tape 0730 12/1 u/DEM, 0710, unly took two years,
		Marrie - Alif	
			Mi (Hart)
	TOMO		Hrd first time this concom 1310 11/30 , regular last pr(Kata)
	1000	KRLD-TX	
	1090	KING-Wa	Hyd. C2L5 11/30 W/ Nati o/3323 (Taylor)
	1100	IIIIK-Ca	
		CALL-Ab	And w/ Tep 40 o/a FRAN ONL 11/50 (Taylor)
-	1190	SUBSTI	
			more of same clobbering ARDS (Paylor)
	1210	WADE-NO	Red ST 11/30 av/ ex Glis (Taylor)
	1250	MIRC-13	Ending f/e op 3T 0130 12/6 (Taylor)
	1260		
	1170	EPUS-No.	first 11/76 1832 w/ woodstropt; patent cheest thests news reptr.
÷	-0.00	200	
			www, Pr CROC (Seise)
Ξ		HOBQ-Ca	Hrd w/ ID00 11/26 % w/ KLOK 0000 (0*1**)
	1500.		Hed w/ 570Y milled 11/26 0030 w/ alw (Seize)
		KHAE-US	Mank w/ H70X looped, 817 200 w/ local spot A ID 0303-030b(Kamp)
I	1110	CHI -03	
	1290	MODG-Ct.	Had ST/Pap w/TT,00 0010-0125+ 12/4 (0.35)
			Somet MM 11/30 m/ was, 'inche CPIA, no MECO aplant (Servict)
	1320		AND AND AN AN AND AND AND AND AND AND AN
	1340	KDE-W	Atop freq. 11/05 0509 w/ local costs, diw, farm rot. (Teles)
	1370	MINE-TH	27/77/ax 0200-0220+ 12/1 mashing WSPD (Starr)
	1,160	WADE-GR	Again Ellin; on A off W 11/30 w/ DT 0331 (Schaldt)
		SUDLESA	Danight two ET's 0132-61 & 0607-10 Jt 11/30 (Schmist)
		chillishia.	fire 22 11/30 w/ 071 audio upt a 721 0403, or wa, & State
			In air Chi3 after CTE, THE SET W/ unid or under, (Schwidt)
			THE PART AND REAL PROPERTY OF MANY AND ASSESSMENT OF THE PARTY OF THE
			ad In this case, FSA refers to Public Service Annet -ESE
	1390	XUNTALA	Hrd w/THS ax 0500 11/2) [air mig. (Deise)
	1400	EAST-W	0/4 KSLY 11/27 v/ ID 0520 then pr (*1)
	THE CO. I	ATUC+As	
		2623-On	Hed Wigned Cities (Nart) they're //) 0100 11/23 (Taylor) On AC 11/20, CEP? (Mart)
	ALUM.		the second from the second of the second sec
	1950	NTOE-25s	AN AN ALEZNY WART THREST
	11/30	KELT-04	Ditto (Hart)
Ш	DC *	12/15-75	Was AT 11/30 W/ Digr & bluce , new quest (Starr)
		KILO-ED	Alon from, April 20 11/10 (100 (2sh-lift)
		FZ-5x	Wads for Namis warshours sale CTIT IN/SC (Seize)
		The same of the sa	THE PROPERTY OF THE PARTY OF TH

```
1160 WFMX-Al Not hed MY 11/30 0100-0300, and are usually a regular, new
                sked 7 (Hart) ** I believe that MY bit was a regular 57,
                Paul, so no real sked change I think +RJE
       WHAN-Oh On RE MY 11/30 GLOC (Bart) Methins DEF now, chenk it Ohio
                people -RJE
                (again, sorry-Sil) orr MM 11/30, Just MEMB/ADDM noted 0300
       WPICE-AL
 1470 KELA-Wa M/on 0755 11/23 MBS no 0530, (lelse)
 11.80 WEAR-Ma Noted on regular Wil 33/30 0130 w/rr, many IDrs , Insee
                WDAS also on (Schridt)
       NDCX-Et Hrd W/ wx round-up 0755 11/23 (Geise)
       KONI-Ut Hrd w/ farm mx cold 11/30 (Delrg)
 1190 CASH-Sa Atop free 11/23 w/ mx 0730 (-11") at the time) w' ofw mx.
                My first Canadian Prayayarder in 10 yrs of Di (Jeise)
 1510 WHEN-Ma My we ID on our from 11/10 0000, Musta been test of 50kw.
* 1550 EGO-Mo Mi s/off new ClCk, was step CHE MR 11/30 (Schmidt) Drat,
                there goes my chance for this one w/ WMJ on to 5200 -Rill
        MOTE-Ha Mini-ET/OC CICL-Cill one ID & off (Schmidt) 11/30
 1560 KFMC-Ca Strongest Ca Mt 11/30 & C126 w/ religion (Schridt)
        WTAI-F1 Strong w/ cill ID 11/26 0653, but soon (adad (Earp) Die to
                Lift probably, but a really nice count, Steme -Hill
        MCNN-Ch Fair, much MilPy 300 11/29 0715-0722 Fade, w/ II, ciw (Kasm)
        ELTI-Mo ET/TT 0120-0250* 1125 (Starr)
        WIRD-HC Meted m/9 w/ another ET 0515 11/26 (Starr)
       MERTING TEST W/ march on 0 TT, many 10's, ERG, IRCA plugs, wh has
                 readable u/EBFs low modulation 11/27, good test, arr cor-
                 (Starr) [Jerry, I'll not inhlude special II phrase at this
                 time, for what should be obvious reasons. . Will do so later
                 -Rich) Hed Test 0000:30-003h150, w/ good to siz, ID's SOC
                 readable (Gray Scringeour, Turontog Out. )
 1600 EVIC-As Local spats h one as OSL) 11/30 w/ WOI free ELM & ENCY (Delse)
        MADEL-NY OFF 11/20 AM (Taylor)
                            guinges & regning
   610 EAVL-Gs Pair 1950-55 Cade w/ EFSS comity luoped out 11/20 (Comp)
   710 MBHO-Tx Hrd on one of its rare visits 1513 11/26 w/ good migs, it's
                 usually CFT here (blass Laurence)
   730 EsDa-Ts Thirm this is the one w/ soul mr & "Soul Ti" ID's, and
                 right? (Lawrence) Darro, somebody Some T7 -555
        CULS-We Fair W/ ME W/CDOT mulled 1905 11/25 [Earp]
        4754-Tn Erd W/olw rox 1730 11/30 (Taylor
        WHATA I'm strong W/ alw na orne w/RIT colleges 185 11/20 (Fig.)
        $200-Ta Hrd in/out w/COAT ofter WIN/SUT s/off 1707-15 11/79 (but
   The CHIS-Ca fird 1917 12/2 u/CHIS, CHUS, CHIS, CHIS, etc., w/ secretary of
                 the week promo (Lagrance)
        #081-03 Hrd atop charmel 1650 11/29 (8:50)
   750 WJAJ-No Hrd 1512 11/20 u/wHEN (Lawrence)
   790 Walf-HT End in the ness 1715 11/29 (Bill
   500 KF0g-Or Mrd w/ relig. p.mc 11/16 1616-1901 (Kump)
   550 KPUC-Ker Hrd 186h a/off mentioning PM 99.1 (Lawrence) -- Date 77 - BJE
   900 KUEN-Wa Sout W/Moll, some CIVI J. 21/27 1553-1900 (Kamp)
        WIAM-NO In/out w/ CINS, NYE 1657 s/arr 12/1 (RJE)
   930 Will-Va Brd s/off 1700 w/ IPS no West, Whit 11/29 (Taylor)
        NEWOK-Wi Hed on tape replay 11/30 1720 (Taylor) **[sn't one souf777-8][
    Sho MCIT-Oh Red 11/25 w/ ID alr 1643 fello ax (Taylor)
   960 EFLH-Et Alone 1504 11/29 w/ ex. (Lawrence)
    990 Edgy-Tn Itron; w/ rab 1715-1200 s/off (Taylor) Finally hro u/d/Hi-
                 pest, but 10 not air on taps. Then mostly atop 11/29 (other
                  was 11/NO) 1755-1500 s/off : taped. (BjE)
```

1970-71 FORESEE CONTLOT CTARRESTS 12-1-70

	1000	WHADI-Vis.	Erd 1650-1659 a/off 11/25 m/m several others, format of rr A goldies. Gould the call stand for "rock and rell"; highly -djE		
		HEDE-VA.	Erd in/out w/ next one after Whall s/off 1703-10 11/25 (RjE)		
		WIOT-AL	In atop w/ QNN de W.FL after MEDE, MITH a/affe to 1755 w/ rr 8 "Dial-A-Score" gm. 11/25 (NJE)		
	1020-	323V5-884	Mist have been off or on greatly reduced per, as we have all ave 11/30 (Lawrence)		
	1030	SALA-IA	Hrd w/ lady w/ Hard-wall religion 17h2 11/16 (Taylor)		
	1100	MILLED-Ga	Hrd 17%3 11/27 W/ soul mx c/MFDI, EDM (Lawrence) Ending MHS nx & w/ ID 1736 11/18 (Taylor)		
	1110	MRCA-AL	Hrs 11/29 s/off 17h6 (Taylor)		
	TIME	WHIY-II	Hrd cir & s/off 1715 11/29 '(Taylor) Hrd 1715 11/20 stop w/ apparent s/off (Taylor)		
	1170	MLKE-ML	Hrd 11/20 s/off 1730 (Taylor)		
	1250	SHITTLE AND	Very strong w/local nx 1735 11/27 (Luerence) Seed u/MREN w/ IB 1903 6 nx 11/25 (*)		
	1260	KOIL-Ca	Good w/KTA looped 11/26 1918 w/ traffic rpt. (Kump)		
	1300	KAST-OF	Enting mx & wx 1525 11/29 (Lawrence) Hrd w/KELF looped, good sig 11/27 0015-0028 w/rr (Kamp)		
			Shoulds been in "A" listings, Steve, as should next one.		
			I dbin't notice in time. Mit. is defined as EST in BOXD, bt -RJE		
	1020	Mild -Ma	Bird w/KEXI looped, some KYNN QBH 11/27 w/ MoH 0020- to 0100 s/off w/ hyrun (Kamp)		
	1520	MLUY-II	Interview w/ Reversor by new constitution 1730-00 31/20 (PT)		
	1550	MARY-RI MAT-As	Erd ID in mess 1600 11/1 (Taylor) Hrd 11/30 s/aff 1730 (Taylor) Nice catch, drat41 -0,50		
	1580	MINITETE:	Complete a/off sheet in oly 1729 12/1 w/ CBU way u/ it. CBU!		
		(O'CA-AF	Hrd on tape replay, as what else is "in Marked Tree, Ar" but tape not waved as no call too 1815 11/29 (RJE) Hrd 12/2 1727 m/off (Taylor)		
		EPIE-Co	Bades in w/ olw, ID, jingle into mx, then faded out again IL		
			29 1825-26 v wk. w/ asserted noises, bets, CBJ, etc. (RJE) Hrd 1900 e/off 12/A fello HHS ns (Taylor)		
		ATUV-AR	Hrd off 1915 12/4, second time in a week as brd 11/28 also(P)		
		KWIF-Ga	Hrd s/off 1965 m/ most one 12/h, also brd 11/20 (Taylor) Some		
		KDAY-Ca	guyes		
1	***	Mess-Fa	((Non, 1570)) had here 1125 1900 on/off w/ potent carrier,		
			plugging "Dan Hursel Mos on 7 HL" danne why here (Taylor) No either - Rifl		
	1600	KBBB-Tx	5/off 1644 11/26 strong o/MAR (Learence*		
	7020	MIALLITY	Hrd buried deep 2155 11/30 (Cata) //tl		
	New ch	maker 964	150A, see sect. "A" for details		
		14	XX KIVI-Tx 0130-45 Lth FH (Starr) TT 30 CHII-Nb 0145-0200 LLNT CI TT (Starr)		
		vent lane.	shecks plus those in last asveral issues will be compiled		
in f/s addendum ajain next time. Checks hrd:					
let (Dir UTLB-1300; WHUS-1370; WXXI-3390; W.VA-850; WUS-1130; WULG-1730					
let Wir EFT3-1250; MJTK-900 & WHA-790 (both new; info next time) let FY: WHIT-1520; WTS1-930; MJS3-1360; WJS3-1360; MJS3-1360; MJS3-1360; MJS3-1360; MJS3-1360; MJS3-1360; MJS3-1360; MJS3-1360; MJS3-1360; MJS3-1360; MJS					
let 50: 50:23-1250; 2003-970; 3030-1590					
hth Net imposition Dat -1830; drift-Mile matta space, so Ti 214					
			The second secon		

DIVISION AT NAME. DIVISION E : AFRICA

Reynolds, Japan 0	Burger, Holland 144 (1)
Objio, D.R. 0	all others 0
Burger, Holland 0	(Beynolds, Bathaway, Grant,
Silvera, Janaica 0	Moore, Kats, Erickson, Farsons,]

DIVISION B: CARRIBBEAN DIVISION Fr ASIA DIVISION G: OCEANIA (same entranta) Conrad, Fla.

Edmurds, N.J. 394 (2)	
Taylor, N.J. 197 (1)	all 0
Objio, D.R. 157 (1)	(Reynolds, Hathaway, Erickson,
Hathaway, Ill., Pejsa, Cal,	Southend, Kenney, Pejsa)
Karfoot, Ont., Kenney, Ca.,	

REMEMBER: ALL LOSSINGS SINCE 0000 OMY 10-1-70 MAY BE USED.

AS BOOM AS POSSIBLE.

NEW MODERNS HAY STILL JOIN DAYS OF SOCIETY THE CLUB HE CONTEST DEVISION EXTERED TO THE CONTEST MANAGER.

DIVISION D: EUROPE

DIVISION C: S.A. Objio, D.R.

All entrants (0) Reynolds, Hathasay, Taylor, Edminds, Conrad, Moore, Ests, Erickson, Parsons, Grant-Ma., Kelley-Ma.

Moore, Ma., Late, Ha, Parsons, ent., Erickson, Ca., Southend,

266 (2)

Cars Silvera, Jon, ALL O.

Hathaway, Penja, Edminds, Moore, Taylor, Krinkson, Parsons, Southend, Silvers ALL 0

It looks like we'll have some pretty fleros someatition going here, what with conditions frequently survial, generally miserable, and such; and, of course, with Conrad's infances beverage antenna. Due to Thankegiving nail problems, any entried postmarked 11/27 or 29, but mailed 11/25 or earlier will be accontest.

RJE, Contest Mgr.

(Box 9h6, Wayhe, M.J. 07h70)